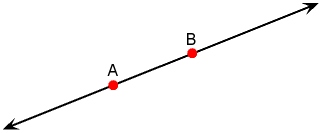
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

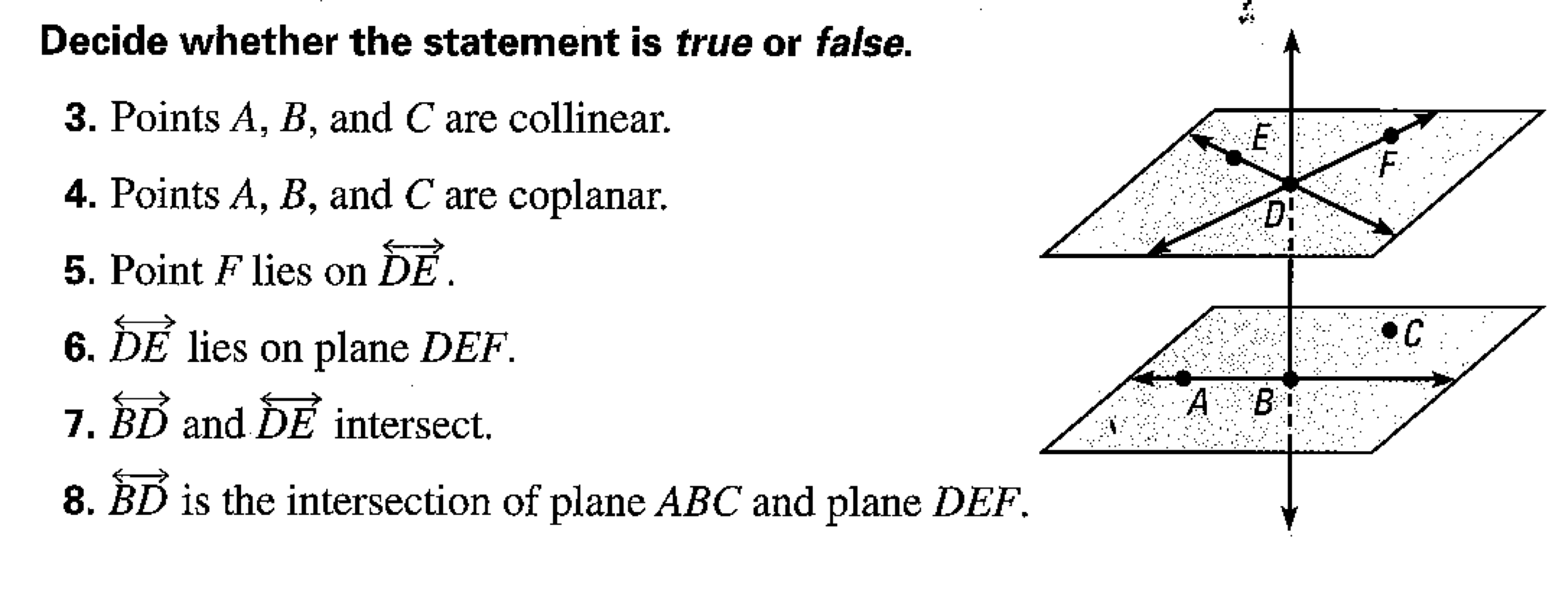
**Unit 1 Review**

Directions: Complete the problem set. Check your answers against the answer key as you work!

1. Which axiom does the following diagram represent? State the full axiom (not just the number).



2. Illustrate the following axiom: Given any line segment, a circle can be drawn using the segment as the radius with one endpoint as the center.



9. Where does intersect Plane *P*?

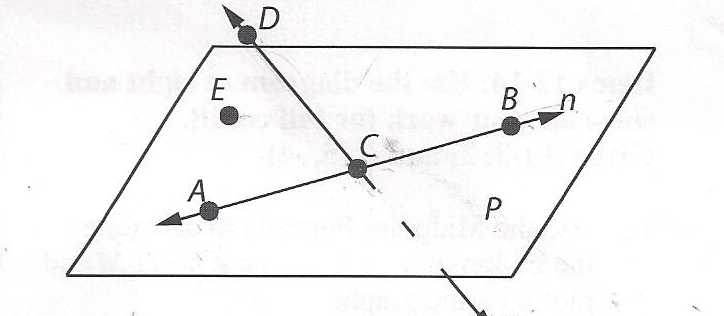
10. Where does intersect ?

11. Where does intersect Plane *P*?

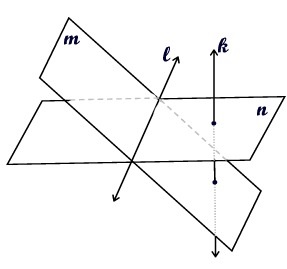
11. Name Plane P using 3 points:

Plane \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Name two non-coplanar points: \_\_\_\_\_\_\_\_



*F*



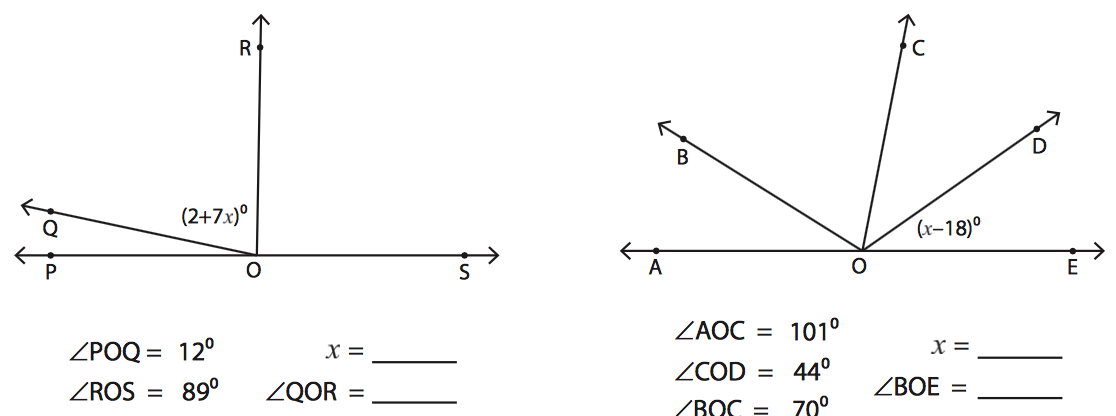
13. Where does Plane *m* intersect Plane *n*?

14. Describe the intersection of line *k* and Plane *n*.

15. Describe the three possible relationships between a plane and a line.

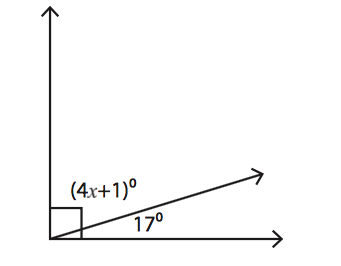
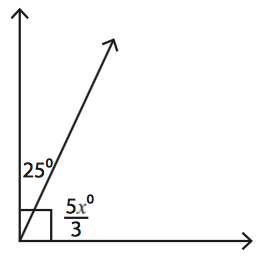
16. Describe the three possible relationships between two planes.

17. 18.



Directions: Find the measure of each unknown angle.

19. 20.

21. Using the diagram below:

a. Name an obtuse angle:

b. Name a straight angle:

c. Name two supplementary angles:

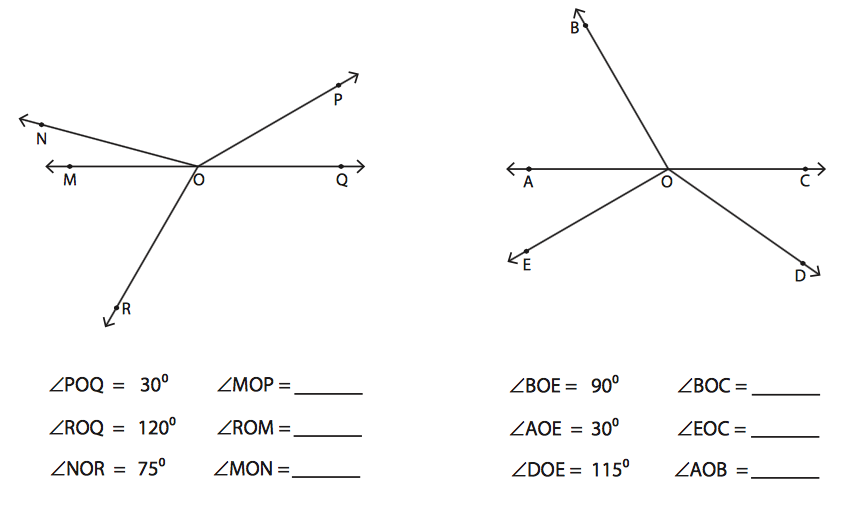
d. Name **three** supplementary angles:

e. If the measure of is 78o, what is the measure of ?

f. Explain how you found your answer to part e.

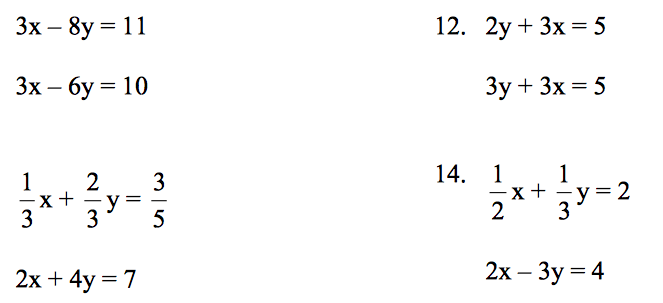
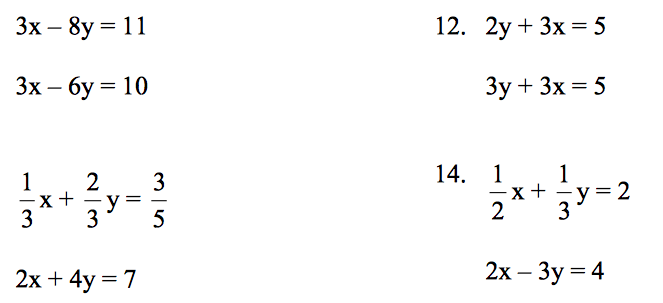


22. 23,

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24. An angle is 10 degrees less than 3 times its complement. Find the angle and its complement.

25. Directions: For each of the four sets of equations below, determine whether they are parallel, perpendicular, or neither.

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